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BY APPLICANT
(Use several sheets if necessary)Applicant
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|--------------------|----------|-------------------|-------|----------|-------------------------------|
| dn | 4 7 2 4 8 3 6 | 02/16/88 | OKADA | | | |
| dn | 4 2 7 1 8 4 5 | 06/09/81 | CHIKASHIGE et al. | | | |
| dn | 5 0 5 8 6 0 3 | 10/22/91 | DOI et al. | | | |

FOREIGN PATENT DOCUMENTS

| DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES |
|--------------------|----------|---------|-------|----------|--------------------|
| dn 3 - 1 3 8 9 8 | 02/25/91 | JAPAN | | | X |
| 6 2 - 1 5 2 1 7 | 04/06/87 | JAPAN | | | X |
| 6 - 4 4 4 0 1 | 11/16/94 | JAPAN | | | X |
| 5 2 - 3 3 1 4 6 | 08/26/77 | JAPAN | | | X |
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| 6 - 1 1 2 8 | 01/12/94 | JAPAN | | | X |
| 6 - 5 7 6 9 | 02/16/94 | JAPAN | | | X |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----|---|---|
| dn | 1 | English Language Abstract for JP Application No. 58-81021. |
| | 2 | English Language Translation for JP Application No. 5-142. |
| | 3 | English Language Abstract for JP Application No. 48-58691. |
| | 4 | English Language Translation for JP Application No. 6-1128. |
| | 5 | English Language Translation for JP Application No. 6-5769. |
| dn | 6 | English Language Abstract for JP Application No. 58-142019. |

EXAMINER

L. F. BELLEN

DATE CONSIDERED

1/5/04

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.